



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Roger WHATMORE et al.

Group Art Unit: 2816

Application No.: 10/031,239

Examiner: K. Wells

Filed: April 2, 2002

Docket No.: 111677

For: ELECTRIC FILTER COMPRISING A PLURALITY
OF THIN FILM BULK ACOUSTIC RESONATORS

SUMMARY OF SUBSTANCE OF INTERVIEW

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

A personal interview was conducted by Applicants' representative with Examiner Kenneth B. Wells on April 4, 2005. Applicants appreciate the courtesies shown to Applicants' representative by Examiner Wells during the personal interview. A summary of the substance of the interview is contained in the following remarks.

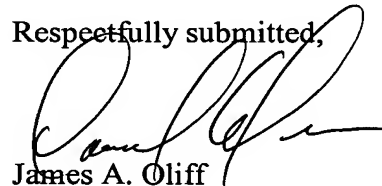
Applicants' representative reviewed arguments which were provided in a Request for Reconsideration filed on March 31, 2005 in response to a January 4, 2005 Office Action. Applicants' representative reviewed with the Examiner a definition of a coplanar wave-guide structure. Applicants' representative then traversed the prior art rejections of the Office Action by highlighting Applicants' belief that none of the applied references whether taken alone, or in any combination, taught or would have suggested, the combination of features recited in at least independent claim 1 of this application. Specifically, Applicants' representative pointed out, with reference to Fig. 2 of this application, that the newly applied references, U.S. Patent Nos. 5,920,243 to Ishikawa et al. and 5,770,998 to Goto et al., do not

disclose nor would they have suggested a thin film bulk acoustic resonator (FBAR) each comprising a thin layer piezoelectric material sandwiched between a top electrode and a bottom electrode ... wherein: all the FBARs are disposed on one substrate; and the top electrode has a coplanar wave-guide structure.

Examiner Wells agreed that the Ishikawa and Goto references "do not disclose or suggest any coplanar waveguide structure and therefore the rejection using these references will be withdrawn." The Examiner did indicate that he would have to perform an updated search.

Should any questions arise regarding this communication, all inquires should be directed to Applicants' undersigned representative at the telephone number set forth below.

Respectfully submitted,



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JAO:DAT/fpw

Date: April 7, 2005

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